

ABSTRACT

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A pre cementum- and/or cementum-derived chemotactic factor (CCTF) of a tooth of a Mammalian is characterized by a molecular weight measured by SDS-PAGE of 67000 ± 1000 . A process for purifying a pre cementum- and/or cementum-derived gingival fibroblast chemotactic factor (CCTF) of a Mammalian tooth includes eluting a protein mixture from pre cementum and/or cementum of a Mammalian tooth and purifying the pre cementum- and/or cementum-derived chemotactic factor (CCTF) from the eluted protein mixture by molecular weight fractionation, ion-exchange adsorption chromatography and hydroxyapatite adsorption chromatography. In the process for purifying the gingival fibroblast chemotactic factor (CCTF) the Mammalian is preferably a bovine.